Index of Claims

Α	pi	pli	cat	tioi	1/C	on	ıtr	ol	No.	
---	----	-----	-----	------	-----	----	-----	----	-----	--

Examiner

10/025,898

Emmanuel Coffy

Applicant(s)/Patent under Reexamination

ZHANG ET AL.

Art Unit

2157

1	Rejected
	A11

_	(Through numeral) Cancelled
	Restricted

Z	Non-Elected
_	Interference

4	Appeal
0	Objected

Claim								J		L	l)	L		
Tell Fig.			_			_	<u> </u>	_				1 1	- 01		_				t			_
1 V 51 52 53 54 54 55 53 54 55 55 55 56 7 <	Cla	im.	-	-	r —	, <u></u>	Date	-	· ·	_	_		Cla	ım	-		_	 	Jati	e 	_	_
1	Final	Original	7/27/05										Final	Original								
1		1	J	-	┝		-	-	-	┢	├			51	Н		┝	-	-	-	-	-
3 \(\)	-				├	-		-	-	-	┝			52	H		_	-	\vdash	┝	┢	_
4 \(\)	-				┝	\vdash	⊢	-		-	 				Н		-	-	-	├	 	H
5	_	3		_	\vdash	1			\vdash		\vdash			54	Н	_	-	\vdash	-	-	-	⊢
Section Sect		-			├	-	-	-	-	\vdash	\vdash			55	H		-	\vdash	_	┢	\vdash	H
7 √ 8 √ 9 √ 10 √ 60 60 111 √ 61 61 12 √ 63 63 14 √ 65 66 15 √ 68 66 17 √ 68 66 19 √ 20 √ 21 √ 22 72 23 73 24 74 25 76 26 76 27 77 28 78 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 90		-6		-		-	⊢		┢	-	├—			56	H	-		-	┝	-	 	H
S		7		-	-	-	├	┝		\vdash	-		_	57	Н		 		-		-	┝
9				\vdash	\vdash		┢	\vdash	\vdash	┝	-							-	-	\vdash	\vdash	┝
10		9		\vdash	\vdash		┢	-	╁	-	-	1		5a		_	_	┢	-	\vdash	\vdash	┢
11	<u> </u>		J	\vdash		H	H	<u> </u>	H	-	\vdash				-		 	╁╌	-	H	┢	┢
12 \(\)	\vdash			\vdash		\vdash	\vdash	\vdash	┢	\vdash	\vdash	i			\vdash	_	-	-		┢	┢	┢
13 \(\lambda \)				-	\vdash	╁─	-	\vdash	-	┢	┢		_	62	H		┝	-		├	╁╴	┢
14				-	-	┢	╁	-	-	├─	-				\vdash	_	\vdash	\vdash	\vdash	Н	一	⊢
15				-	┢	\vdash	-	-	-		-			64	┰		┝	┢	\vdash	⊢	┢	┢
16 \lambda		15	1	-	\vdash	┢	\vdash	1	╁					65	├-		\vdash	┝	-	├	├	⊢
17 √ 18 √ 19 √ 20 √ 21 √ 21 √ 22 70 23 73 24 74 25 76 27 77 28 78 29 79 30 80 31 81 32 82 33 84 34 84 35 85 36 86 37 87 38 88 39 90 40 90 41 91 42 92 43 94 44 94 45 96 46 96 47 97 48 98	-			-	┢	 	\vdash	1	┢			l	-		-	-	\vdash	-	╁─	╁	╁	\vdash
18 √ 68 69 20 √ 70 71 21 √ 71 72 23 73 74 72 23 74 74 74 25 76 77 78 29 79 78 79 30 80 81 81 32 82 82 82 33 83 84 84 35 85 85 86 37 88 88 89 40 90 90 90 41 91 91 92 43 94 94 94 45 96 96 96 47 97 98 99	-				-	├	╂─	-	-	-	\vdash	1		67			-	├-	╁	⊢	┢	⊢
19 √ 69 20 √ 70 21 √ 72 23 73 24 74 25 76 26 76 27 77 28 79 30 80 31 81 32 82 33 84 35 85 36 86 37 88 39 89 40 90 41 91 42 92 43 94 45 96 47 97 48 98 49 99				⊢	-	-	⊢	-	+-	╌	-	1	_	60	├	_	-		├	⊢	┢	┢
20 √ 70 21 √ 71 22 2 72 23 3 74 24 4 74 25 5 75 26 6 76 27 7 77 28 8 79 30 9 80 31 31 81 82 82 83 83 83 83 83 83 83 83 83 83 83 83 83	-			\vdash	⊢	├	-	├	\vdash	⊢	-	-	-		-		┝	├	├	⊢	├-	-
21 √ 71 22 √ 73 23 √ 74 25 √ 75 26 √ 76 27 √ 77 28 √ 79 30 √ 80 31 √ 81 32 √ 82 33 √ 83 34 √ 84 35 √ 85 36 √ 86 37 √ 88 38 √ 88 39 √ 89 40 √ 90 41 √ 91 42 √ 92 43 √ 94 44 √ 94 45 √ 96 47 √ 97 48 √ 98				⊢	-	⊢	-	-		├	├-	· '	<u> </u>		-		-	├-	-	⊢	⊢	⊢
22 72 23 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 45 95 46 96 47 97 48 98 49 99	\vdash	20		H	-	╀	-	├	-	-	⊢	ł		70	╁		-	├	├		├	-
23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 96 47 97 48 98 49 99		21	\ <u>\\</u>	├		-	-	-	-	\vdash	├—	ł			├	-	⊢	├	┢	-	├	╄
24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 90 41 91 42 92 43 93 44 94 45 96 47 97 48 98 49 99	-	22		-	-	⊢	_		-		-	-		72	├	-		├	├	├	├	ŀ
25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	_		-	H	-	┝	-	-	-	-		ł		73	├	\vdash	\vdash	\vdash	┢	┢	⊢	╁
26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 98 49 99	<u> </u>		₩	⊢	_	⊢	-	⊢		├-	-	-			-	<u> </u>	⊢	⊢	┢	-	⊢	┡
27 28 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 98 49 99	<u> </u>	25	.	-		⊢			-	├	-	-			├	-	 	⊢	⊨	┢	⊢	⊢
28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 99	<u> </u>		-	├	<u> </u>	⊢	-	⊢	_	┡	⊢	1		76		-	-	⊢	╀	├	├	┝
29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	<u> </u>		ļ		<u> </u>	⊢	-	⊢	-	⊢	_				├-	<u> </u>	-	├	-	-	 -	┡
30	<u> </u>		<u> </u>	<u> </u>		_	 —	ļ	<u> </u>	<u> </u>	⊢	'		78	<u> </u>	_	_	<u> </u>	<u> </u>	<u> </u>	├—	L
31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			<u> </u>	_	-	ļ		<u> </u>	₩.	 	_	'		79	-	<u> </u>	<u> </u>	├-	_	_	_	L
32 82 33 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			<u> </u>	<u> </u>		 	ļ	_	<u> </u>	<u> </u>	<u> </u>				-	_	<u> </u>	<u> </u>	<u> </u>	<u> </u>		L
33 83 34 84 35 85 36 86 37 87 38 87 39 88 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99		31	<u> </u>	_		<u> </u>		<u> </u>	<u> </u>	 	<u> </u>			81	<u> </u>	_	<u> </u>	├	 	 		L
34 84 35 85 36 86 37 87 38 87 39 88 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			ــ	_		┡	 _	<u> </u>	<u> </u>	 	<u> </u>				-	<u> </u>	<u> </u>	-	-	<u> </u>	⊢	┡
35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99		33	<u> </u>		-	├-	_	_	<u> </u>	┡	<u> </u>			83	-	_	L	<u> </u>	_	├	⊢	╀
36 86 37 88 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			_	1	_	┞	_	\vdash	⊢	┡	ऻ_				├-	<u> </u>	 	-	<u> </u>	├-	├	╀
37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			!	H	-	┡	<u> </u>	⊢	1	<u> </u>	├-				├	_		-	_	-	⊢	┡
38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99		36	<u> </u>	_	_	<u> </u>		<u> </u>	<u> </u>	<u> </u>	<u> </u>	'		86	<u> </u>	_	<u> </u>	ŀ	ļ	┡	┞	1
39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			<u> </u>	<u> </u>	<u> </u>	<u> </u>	├	⊢	 _	├	⊢	1	—		├	_	├	╄	├	├-	⊢	╀
40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	<u></u>	38	<u> </u>		<u> </u>	 	├-	ļ	ـ	 	<u> </u>	1		88	<u> </u>	\vdash	<u> </u>	_	├	 -	₩	
41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			 		├		₩		 	-	\vdash	-			-	<u> </u>	ļ	1	\vdash	Н-	 	1
42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99			<u> </u>	<u> </u>	\vdash	₩	┼	 		├-	\vdash	-	<u> </u>	90	\vdash	<u> </u>	L	₩	⊢	 	↓	L
43 93 44 94 45 95 46 96 47 97 48 98 49 99			 	<u> </u>	⊢	 	₩	\vdash	₽	\vdash	┡	-	<u> </u>	91	₩	<u> </u>	<u> </u>	 	<u> </u>	 	 	+
44	<u></u>		\vdash	_	⊢	┞	1	_	-	╄	-	1	L		├-	<u> </u>	<u> </u>		├-	<u> </u>	₩	1
45	<u></u>		_	_	<u> </u>	1-	┞	↓_	╀-	1-	 	1	ļ		 	<u> </u>	<u> </u>	!	1	├-	₩	\perp
46	<u></u>		 	1_	 			1		 	 -	į	 	94	⊢	<u> </u>	ــــ	_	1	\vdash	₩	1
47	<u></u>		\vdash	<u> </u>	├	⊢	⊢	╙	1	ــــ	\vdash		<u> </u>		⊢	_	\vdash	1	₩	 	ـ	1
48 98 99 99 99 99 99 99 99 99 99 99 99 99	<u> </u>		—	\vdash	<u> </u>	↓ _	┞	┞	1	<u> </u>	<u> </u>		<u> </u>		┞	<u> </u>	<u> </u>	1	₩	 	₩	1
49 99 99	<u></u>		 	 	-	1_		┞	 	<u> </u>	<u> </u>	Į	L		┞	<u> </u>		ļ	ļ	1	₩	┖
	<u></u>		<u> </u>	<u> </u>	<u> </u>	1_	┖	┞	\vdash	 -	<u> </u>	Į	ļ		┞	<u> </u>	<u> </u>	_	<u> </u>	<u> </u>	\vdash	_
50			<u> </u>	<u> </u>	 	1_	1	<u> </u>	↓_	┞	!	Į	<u> </u>		ـ	!	 	<u> </u>	<u> </u>	_	 	╀
	L	50	<u> </u>		_	_	L	_	丄	1	L_	J	L	100	1	<u></u>	<u>L</u>	<u>_</u>	<u></u>	L	L	L

Cla	11111		—,			Jate	<u>:</u>		ш,	
Final	Original									
	51									
	52									
	52 53									
	54									
	54 55 56									
	56									
	57	\Box								
	58									
	59									
	60									
	61									
	62									
	63	П								
	64	Н	\dashv				П	\Box	\neg	Т
	64 65		-							
-	66		\dashv			\vdash	Н	\Box	Н	\vdash
	66 67	\vdash	\dashv		_	\vdash	\vdash	\vdash	-	\vdash
	68	H	-			\vdash	\vdash	_		┢
	69			-	_			_		-
	70			-	-	_	-	_	-	├─
	71		-	-	-	-		_		┢
	71 72 73		-	_	-	-		-		\vdash
<u> </u>	73	_	-	-	_	_	_	_	-	┝
	74			\vdash	_	_		<u> </u>		\vdash
	74 75			_		<u> </u>		_		┢
<u> </u>	76	-		-	-	_		H		⊢
	76 77		\vdash	-	-	\vdash	\vdash	-	_	┝
-	77 78	-	-	-	_	-	_	-		┝
<u> </u>	70		-	-	-	_	_	_		
-	79 80	\vdash	Н	_	-	<u> </u>	_			-
-	00	\vdash		<u> </u>	-		_			┝
-	81	Н	Н	<u> </u>	<u> </u>		<u> </u>			
1	82	\vdash	\vdash	-	-		\vdash	-	Ь	-
-	83	\vdash	Н	<u> </u>	<u> </u>	_	\vdash	_	<u> </u>	├
\vdash	84	\vdash	\vdash	\vdash	-	-	<u> </u>	<u> </u>	Ь.	\vdash
	85	-				<u> </u>	H	_		\vdash
-	86	\vdash	H	<u> </u>	Ŀ	<u> </u>	\vdash	H		⊢
	87	\vdash	\vdash	_	<u> </u>	<u> </u>	-	_		⊢
-	88	\vdash	\vdash	<u> </u>	_	 —	-			\vdash
-	89	H	-		_	\vdash	\vdash		-	⊢
\vdash	90	\vdash	\vdash	<u> </u>	\vdash	<u> </u>		-	Η-	-
<u> </u>	91	\vdash	-	<u> </u>	<u> </u>		 	-	<u> </u>	-
-	92	\vdash	—	<u> </u>	├-	 	├	├	 	
	93	-	<u> </u>	├-	<u> </u>	_	├-	\vdash	\vdash	⊢
	94	\vdash	\vdash	├-	<u> </u>	├	\vdash	<u> </u>	\vdash	-
	95	\vdash	-	\vdash	<u> </u>	-	 	-	├-	
	96	-	\vdash	 		<u> </u>	 	<u> </u>	 	
	97	\vdash	\vdash	\vdash	-	<u> </u>	\vdash	<u> </u>	<u> </u>	⊢
	98	\vdash	<u> </u>	\vdash	_	⊢	<u> </u>		<u> </u>	_
-	99	<u> </u>	<u> </u>	 —	<u> </u>	 	<u> </u>	├—	—	<u> </u>
ı	100	ı		1	ı	ı	ı	ı	ı	1

CI	aim	Date								
Ul		-	_	-		Jale	- 1	_	7	긕
Final	Original									
	101 102 103									
	102		_	_	_		\dashv			_
	103		-			-	\dashv			
	104 105			-	_	-	-	_	-	\dashv
	105		\dashv	-	_		-	-	-	ᅱ
	107		-	Н						\dashv
	108				-	-		_		\dashv
	109	Н	\neg		_	\neg		_		_
	110				_					
	111									
	112									
	113									
	114									\Box
	115	Щ								Щ
	112 113 114 115 116 117	Н				L	_		<u> </u>	\vdash
	117	_					_	-	-	-
	119		-	-		_	_	_	\vdash	\dashv
	120	-				_	-	-	-	
	121					_	-		_	Н
	122					_			-	\Box
	120 121 122 123 124 125 126 127 128 129									
	124									
	125									
	126	_				_	_			
	127	_	_	_		_		_	\vdash	Щ
	128		_							_
	130	_	_				\vdash	_	-	
	131	-					\vdash		-	-
	131 132	-								Н
l	133									
	134 135									
	135									
	136									
	137			L_		_	L		L	
	138		<u> </u>	<u> </u>	<u> </u>	<u> </u>	_	├—	<u> </u>	<u> </u>
<u> </u>	139		<u> </u>	<u> </u>		_	<u> </u>	├—	-	_
	140 141	\vdash	-	\vdash		-	-	-	-	\vdash
<u> </u>	142	-				-	\vdash		_	\vdash
<u> </u>	143		┢	┢	-	\vdash	-	Н	┢	Н
\vdash	144		\vdash	Н	\vdash	Т	Г	Г	H	П
	145			Г		Г	\vdash			П
	146									
	147									
	148					Ĺ		Ĺ		\Box
	149		<u> </u>	_		_	_	_	L_	<u> </u>
	150									